

**ABSTRACT**

The present invention provides novel isolated NOVX polynucleotides and polypeptides  
5 encoded by the NOVX polynucleotides. Also provided are the antibodies that  
immunospecifically bind to a NOVX polypeptide or any derivative, variant, mutant or fragment  
of the NOVX polypeptide, polynucleotide or antibody. The invention additionally provides  
methods in which the NOVX polypeptide, polynucleotide and antibody are utilized in the  
detection and treatment of a broad range of pathological states, as well as to other uses.

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